

SEMINAR AND RECRUITING ACTIVITIES

Dr. Jordan E. Massad from [Sandia National Laboratories](#) will visit November 13-15 to recruit for positions and deliver a seminar that introduces SNL and its exciting roles for mathematicians and statisticians.

Monday, November 13, 17:30

SAS Hall, Room 4201

**Mathematics and Statistics at Sandia National Laboratories:
Perspectives from an Engineering Scientist, Analyst, and Student Intern**

Co-presenters: Dr. Erin Acquesta and Joey Hart

Cookies and coffee will be provided by the SIAM Student Chapter.

Tuesday, November 14

The Friday Center, Chapel Hill

Sandia will be recruiting at the [North Carolina Master's & PhD Career Fair](#). You are encouraged to attend and learn even more about the Laboratories and career opportunities.

Wednesday, November 15

08:30-11:00 and 14:30-16:00, SAS 3152

One-on-one career discussions with select post-docs and graduate and advanced undergraduate students. **Interested candidates who meet the requirements below are encouraged to email Jordan (jemassa@sandia.gov) their availability and a resume that includes GPAs for all individual degrees, citizenship status, and references.**

11:30-13:30, Centennial Campus, Engineering Building 3

Sandia will provide a lunch and career seminar. [Registration](#) is required.

Recruiting for the following types of positions (see [Careers Website](#)):

- Regular staff positions (master's or doctoral degrees)
- Post-Doctoral positions (doctoral)
- Graduate Fellowships (bachelor's or master's)
- Summer Internships (undergrad or graduate)

Typical positions have the following requirements:

- U.S. Citizenship (not Green Cards)
- Student Interns: GPAs for all degrees above 3.0 on 4.0 scale

Mathematics and Statistics at Sandia National Laboratories: Perspectives from an Engineering Scientist, Analyst, and Student Intern

Drs. Jordan E. Massad and Erin Acquesta, Joseph L. Hart
Sandia National Laboratories, New Mexico

Abstract

Sandia National Laboratories is a federally funded research and development center that develops and applies science, technology, and engineering solutions for pressing national security challenges. Mathematics at all levels of rigor underpins every aspect of the work we do, and Sandians with academic degrees in applied mathematics and statistics impact a wide range of areas such as alternative energy, space systems, microsystems, computational multiphysics, and neural computing. In this seminar, we will introduce Sandia and how mathematicians and statisticians contribute to its missions, and describe how Sandia's extensive collaborative environment enriches their careers. In particular, we will expound on our exciting, multi-disciplinary experiences at Sandia as a mid-career engineering scientist, an early career analyst, and a graduate student intern. Finally, we will describe Sandia career opportunities and advise how mathematicians and statisticians should approach a non-academic career search.

Biography

Jordan Massad received the B.S. degree in physics and mathematics from Worcester Polytechnic Institute, and the M.S. and Ph.D. degrees in applied mathematics from North Carolina State University (NCSU). Erin Acquesta received the B.A. degree in mathematics from Ithaca College, and the M.S. and Ph.D. degrees in applied mathematics from NCSU. Joseph (Joey) Hart is a Ph.D. candidate in applied mathematics at NCSU and the SIAM Student Chapter President. Currently they are a Principal Member of Technical Staff, a Senior Member of Technical Staff, and a Graduate Student Intern, respectively, at Sandia National Laboratories.

